

ABSTRACT

An access control unit 3 includes a table showing how time slots are currently being assigned to mobile stations that are mid-communication. The access control unit 3 judges whether the reception signal level measured by the reception level detection unit 22 for each mobile station is at least equal to a threshold value. The access control unit 3 then changes the assignment and the table so that the mobile stations having a reception level that is at least equal to the threshold value occupy the same time slot. The access control unit 3 reduces the transmission power during this time slot to a level that is lower than the transmission power of other time slots. By doing so, interference with the transmission waves of nearby radio base stations can be avoided.